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SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

CD NO.

COUNTRY East Germany

SUBJECT Data on Composition of Coke Produced at Various East German Distillation Plants

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SUPPLEMENT TO REPORT NO. 25X1

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Fachgebiet Kohle und Energie of the East German Zentralamt fuer Forschung und Technik (Central Office for Research and Techniques) (ZAFT) has compiled data on the composition of coke produced in East German distillation plants. Compilation was made from data furnished by the plants, at various times during the postwar period, and from generally known facts. Although all available information was used by ZAFT, the list is not complete. The compilation is given in the attachment.[1]

1. [redacted] Comment. Figures in the attachment are submitted as received. 25X1

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EAST GERMAN DISTILLATION PLANTS
COKE ANALYSES

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	A-[illegible] Distillation Plants											B-DIA Distillation Plants	
	Böhlen	Deuben Industrial** coke	Deuben Dry** coke	Deutzen Indust. coke	Deutzen Hard coke	Espenhain	Hirschfelde***	Nachterstedt** Indust. coke	Nachterstedt** Hard coke	Profen Indust. coke	Profen Hard coke	Roeitz*	Gölzau
[illegible] composition													
[illegible]	75	62.8	74.1	64.0	64.0	68.04	61.8	61.8	[illegible]	[illegible]	61.0	56.0	58
Ash	23	18.2	20.6	16.0	[illegible]	27.36	18.5	18.5	17.3	15.0	19.0	13.5	17
Water	2	19.0	5.3	20.0	20.0	4.00	19.7	19.7	22.9	25.0	20.0	25.5	25
Sulphur, total	4.2	-		2.5	2.5	4.88	4.0	4.0	3.6				
Sulphur, ashes					2.7	2.7	2.7	- 2.7	2.6				1.[illegible]
Sulphur, combustible		1.9	2.3		[illegible]	2.15	1.3	1.[illegible]	1.0				
[illegible] analysis													
Coke						89.7							
Tar	[illegible].5	0.4	0.4			[illegible]							
Moisture	2.0					4.6							
[illegible] water						[illegible]							
[illegible] loss						[illegible]							
[illegible] calorific value (Cal/g)						5455						[illegible]400	
[illegible] calorific value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4900	4900	4800	[illegible]670	50.0	4[illegible]00	4500
[illegible]						24.7				2.2	2.4		13.0
[illegible] analysis													
Carbon		54.5	64.5			58.98			55.0	67.5	68.8	51.5	
Hydrogen		2.0	2.5			2.55			1.6	1.4	1.4	1.4	
Sulphur, combustible		1.9	2.3			2.10			[illegible]	1.4	1.4		
[illegible]						3.78							
[illegible]		18.2	20.6			27.56			17.3	24.0	[illegible]	18.5	
[illegible]		19.0	5.3			4.00			22.9	0.0	0.0	25.5	
Nitrogen		4.4	4.8			0.55			2.2	5.7	4.4		

* [redacted] Comment: The type of coke produced is unknown.

** [redacted] Comment: In the foregoing list, "dry coke" refers to analysis of coke in dry state. "Industrial coke"(Industrie Koks) refers to coke produced from industrial briquets.

*** [illegible] Comment: Industrial coke produced in the Hirschfelde and Nachterstedten plants has the same composition.

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